

ABSTRACT

Disclosed is a chemical additive dispensing device for use with a station of a sprinkler-based irrigation system that includes a fluid diversion housing and a container for storing a chemical additive. The fluid diversion housing includes an in-flow channel formed therein that is in fluid communication with an input port and the container. An out-flow channel is also formed within the fluid diversion housing and is in fluid communication with an output port and the container. In operation, the container fills with fluid from the in-flow channel such that the fluid mixes with the chemical additive. Once the container is filled with fluid, the mixture of fluid and chemical additive is diverted through the out-flow channel of the fluid diversion housing to the outlet port such that the fluid chemical additive mixture is distributed to the rest of the irrigation system and particularly through sprinklers onto a lawn and/or plants.